

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/KR2004/001932

**A. CLASSIFICATION OF SUBJECT MATTER****IPC7 H04Q 7/20**

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC H04Q 7/20

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean Patents and applications for inventions since 1975

Korean Utility models and applications for Utility models since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKIPASS

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	KR2001-0016442 A (ONIONIT CO.,LTD.) 05.MAR.2001 see the whole document.	1-3
Y	KR2001-0091080 A (SHINSEGI TELECOMM LTD.) 23.OCT.2001 see the whole document.	1-3
Y	KR2002-44306 A (LG ELECTRONICS CO.,LTD.) 15.JUN.2002 see the whole document.	1-3
P,X	KR2003-0073459 (LG ELECTRONICS CO.,LTD.) 19.SEP.2003 see the whole document.	1-3
A	WO99/61966 A2 (NOKIA MOBILE PHONES LTD.) 02.DEC.1999 see the whole document.	1



Further documents are listed in the continuation of Box C.



See patent family annex.

## \* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

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"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&amp;" document member of the same patent family

Date of the actual completion of the international search

10 NOVEMBER 2004 (10.11.2004)

Date of mailing of the international search report

**11 NOVEMBER 2004 (11.11.2004)**

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**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International application No.

PCT/KR2004/001932

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
KR2001-0016442 A	05.MAR.2001	NONE	
KR2001-0091080 A	23.OCT.2001	NONE	
KR2002-0044306 A	15.JUN.2002	NONE	
KR2003-0073459 A	19.SEP.2003	NONE	
W099/61966 A2	02.DEC.1999	F10981184 A0 F10105743 B1 EP1082648 A2 EP1082648 B1 DE69913690 C0 AU4268399 A1	27.MAY.1998 29.SEP.2000 14.MAR.2001 17.DEC.2003 29.JAN.2004 13.DEC.1999